

## CBDv Isolate

Sample ID: SA-250113-55264  
 Batch: HC8-CBDV-25  
 Type: Raw Material  
 Matrix: Concentrate - Isolate  
 Unit Mass (g):

Received: 01/15/2025  
 Completed: 01/23/2025

**Client**  
 Highly Concentrated  
 2144 Gulf Gate Dr.  
 Sarasota, FL 34231  
 USA  
 Lic. #: 405998

## Summary

**Test**  
 Cannabinoids  
 Heavy Metals  
 Pesticides  
 Residual Solvents

**Date Tested**  
 01/23/2025  
 01/22/2025  
 01/23/2025  
 01/21/2025

**Status**  
 Tested  
 Passed  
 Passed  
 Passed



|                           |                       |                                     |                                       |                                     |                                               |
|---------------------------|-----------------------|-------------------------------------|---------------------------------------|-------------------------------------|-----------------------------------------------|
| <b>ND</b><br>Total Δ9-THC | <b>99.7 %</b><br>CBDV | <b>99.8 %</b><br>Total Cannabinoids | <b>Not Tested</b><br>Moisture Content | <b>Not Tested</b><br>Foreign Matter | <b>Yes</b><br>Internal Standard Normalization |
|---------------------------|-----------------------|-------------------------------------|---------------------------------------|-------------------------------------|-----------------------------------------------|

## Cannabinoids by HPLC-PDA

| Analyte             | LOD (%) | LOQ (%) | Result (%)  | Result (mg/g) |
|---------------------|---------|---------|-------------|---------------|
| CBC                 | 0.0095  | 0.0284  | ND          | ND            |
| CBCA                | 0.0181  | 0.0543  | ND          | ND            |
| CBCV                | 0.006   | 0.018   | ND          | ND            |
| CBD                 | 0.0081  | 0.0242  | 0.0940      | 0.940         |
| CBDA                | 0.0043  | 0.013   | ND          | ND            |
| CBDV                | 0.0061  | 0.0182  | 99.7        | 997           |
| CBDA                | 0.0021  | 0.0063  | ND          | ND            |
| CBG                 | 0.0057  | 0.0172  | ND          | ND            |
| CBGA                | 0.0049  | 0.0147  | ND          | ND            |
| CBL                 | 0.0112  | 0.0335  | ND          | ND            |
| CBLA                | 0.0124  | 0.0371  | ND          | ND            |
| CBN                 | 0.0056  | 0.0169  | ND          | ND            |
| CBNA                | 0.006   | 0.0181  | ND          | ND            |
| CBT                 | 0.018   | 0.054   | ND          | ND            |
| Δ8-THC              | 0.0104  | 0.0312  | ND          | ND            |
| Δ9-THC              | 0.0076  | 0.0227  | ND          | ND            |
| Δ9-THCA             | 0.0084  | 0.0251  | ND          | ND            |
| Δ9-THCV             | 0.0069  | 0.0206  | ND          | ND            |
| Δ9-THCVA            | 0.0062  | 0.0186  | ND          | ND            |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total</b>        |         |         | <b>99.8</b> | <b>998</b>    |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



Generated By: Ryan Bellone  
 CCO  
 Date: 01/23/2025



Tested By: Nicholas Howard  
 Scientist  
 Date: 01/23/2025



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651



## CBDv Isolate

Sample ID: SA-250113-55264  
 Batch: HC8-CBDV-25  
 Type: Raw Material  
 Matrix: Concentrate - Isolate  
 Unit Mass (g):

Received: 01/15/2025  
 Completed: 01/23/2025

**Client**  
 Highly Concentrated  
 2144 Gulf Gate Dr.  
 Sarasota, FL 34231  
 USA  
 Lic. #: 405998

## Heavy Metals by ICP-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) | P/F |
|---------|-----------|-----------|--------------|-----|
| Arsenic | 0.002     | 0.02      | ND           | P   |
| Cadmium | 0.001     | 0.02      | ND           | P   |
| Lead    | 0.002     | 0.02      | <LOQ         | P   |
| Mercury | 0.012     | 0.05      | ND           | P   |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone  
 CCO

Date: 01/23/2025



Tested By: Chris Farman  
 Scientist

Date: 01/22/2025



## CBDv Isolate

Sample ID: SA-250113-55264  
 Batch: HC8-CBDV-25  
 Type: Raw Material  
 Matrix: Concentrate - Isolate  
 Unit Mass (g):

Received: 01/15/2025  
 Completed: 01/23/2025

**Client**  
 Highly Concentrated  
 2144 Gulf Gate Dr.  
 Sarasota, FL 34231  
 USA  
 Lic. #: 405998

## Pesticides by LC-MS/MS and GC-MS/MS

| Analyte              | LOD (ppb) | LOQ (ppb) | Result (ppb) | P/F | Analyte            | LOD (ppb) | LOQ (ppb) | Result (ppb) | P/F |
|----------------------|-----------|-----------|--------------|-----|--------------------|-----------|-----------|--------------|-----|
| Abamectin            | 30        | 100       | ND           | P   | Hexythiazox        | 30        | 100       | ND           | P   |
| Acephate             | 30        | 100       | ND           | P   | Imazalil           | 30        | 100       | ND           | P   |
| Acequinocyl          | 30        | 100       | ND           | P   | Imidacloprid       | 30        | 100       | ND           | P   |
| Acetamiprid          | 30        | 100       | ND           | P   | Kresoxim methyl    | 30        | 100       | ND           | P   |
| Aldicarb             | 30        | 100       | ND           | P   | Malathion          | 30        | 100       | ND           | P   |
| Azoxystrobin         | 30        | 100       | ND           | P   | Metaxyl            | 30        | 100       | ND           | P   |
| Bifenazate           | 30        | 100       | ND           | P   | Methiocarb         | 30        | 100       | ND           | P   |
| Bifenthrin           | 30        | 100       | ND           | P   | Methomyl           | 30        | 100       | ND           | P   |
| Boscalid             | 30        | 100       | ND           | P   | Mevinphos          | 30        | 100       | ND           | P   |
| Carbaryl             | 30        | 100       | ND           | P   | Myclobutanil       | 30        | 100       | ND           | P   |
| Carbofuran           | 30        | 100       | ND           | P   | Naled              | 30        | 100       | ND           | P   |
| Chloranthraniliprole | 30        | 100       | ND           | P   | Oxamyl             | 30        | 100       | ND           | P   |
| Chlorfenapyr         | 30        | 100       | ND           | P   | Paclobutrazol      | 30        | 100       | ND           | P   |
| Chlorpyrifos         | 30        | 100       | ND           | P   | Permethrin         | 30        | 100       | ND           | P   |
| Clofentezine         | 30        | 100       | ND           | P   | Phosmet            | 30        | 100       | ND           | P   |
| Coumaphos            | 30        | 100       | ND           | P   | Piperonyl Butoxide | 30        | 100       | ND           | P   |
| Cypermethrin         | 30        | 100       | ND           | P   | Propiconazole      | 30        | 100       | ND           | P   |
| Daminozide           | 30        | 100       | ND           | P   | Propoxur           | 30        | 100       | ND           | P   |
| Diazinon             | 30        | 100       | ND           | P   | Pyrethrins         | 30        | 100       | ND           | P   |
| Dichlorvos           | 30        | 100       | ND           | P   | Pyridaben          | 30        | 100       | ND           | P   |
| Dimethoate           | 30        | 100       | ND           | P   | Spinetoram         | 30        | 100       | ND           | P   |
| Dimethomorph         | 30        | 100       | ND           | P   | Spinosad           | 30        | 100       | ND           | P   |
| Ethoprophos          | 30        | 100       | ND           | P   | Spiromesifen       | 30        | 100       | ND           | P   |
| Etofenprox           | 30        | 100       | ND           | P   | Spirotetramat      | 30        | 100       | ND           | P   |
| Etiozazole           | 30        | 100       | ND           | P   | Spiroxamine        | 30        | 100       | ND           | P   |
| Fenhexamid           | 30        | 100       | ND           | P   | Tebuconazole       | 30        | 100       | ND           | P   |
| Fenoxycarb           | 30        | 100       | ND           | P   | Thiacloprid        | 30        | 100       | ND           | P   |
| Fenpyroximate        | 30        | 100       | ND           | P   | Thiamethoxam       | 30        | 100       | ND           | P   |
| Fipronil             | 30        | 100       | ND           | P   | Trifloxystrobin    | 30        | 100       | ND           | P   |
| Flonicamid           | 30        | 100       | ND           | P   |                    |           |           |              |     |
| Fludioxonil          | 30        | 100       | ND           | P   |                    |           |           |              |     |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone  
 CCO

Date: 01/23/2025



Tested By: Anthony Mattingly  
 Scientist

Date: 01/23/2025



## CBDv Isolate

Sample ID: SA-250113-55264  
 Batch: HC8-CBDV-25  
 Type: Raw Material  
 Matrix: Concentrate - Isolate  
 Unit Mass (g):

Received: 01/15/2025  
 Completed: 01/23/2025

**Client**  
 Highly Concentrated  
 2144 Gulf Gate Dr.  
 Sarasota, FL 34231  
 USA  
 Lic. #: 405998

## Residual Solvents by HS-GC-MS

| Analyte               | LOD (ppm) | LOQ (ppm) | Result (ppm) | P/F | Analyte                  | LOD (ppm) | LOQ (ppm) | Result (ppm) | P/F |
|-----------------------|-----------|-----------|--------------|-----|--------------------------|-----------|-----------|--------------|-----|
| Acetone               | 167       | 500       | ND           | P   | Ethylene Oxide           | 0.5       | 1         | ND           | P   |
| Acetonitrile          | 14        | 41        | ND           | P   | Heptane                  | 167       | 500       | ND           | P   |
| Benzene               | 0.5       | 1         | ND           | P   | n-Hexane                 | 10        | 29        | ND           | P   |
| Butane                | 167       | 500       | ND           | P   | Isobutane                | 167       | 500       | ND           | P   |
| 1-Butanol             | 167       | 500       | ND           | P   | Isopropyl Acetate        | 167       | 500       | ND           | P   |
| 2-Butanol             | 167       | 500       | ND           | P   | Isopropyl Alcohol        | 167       | 500       | ND           | P   |
| 2-Butanone            | 167       | 500       | ND           | P   | Isopropylbenzene         | 167       | 500       | ND           | P   |
| Chloroform            | 2         | 6         | ND           | P   | Methanol                 | 100       | 300       | ND           | P   |
| Cyclohexane           | 129       | 388       | ND           | P   | 2-Methylbutane           | 10        | 29        | ND           | P   |
| 1,2-Dichloroethane    | 0.5       | 1         | ND           | P   | Methylene Chloride       | 20        | 60        | ND           | P   |
| 1,2-Dimethoxyethane   | 4         | 10        | ND           | P   | 2-Methylpentane          | 10        | 29        | ND           | P   |
| Dimethyl Sulfoxide    | 167       | 500       | ND           | P   | 3-Methylpentane          | 10        | 29        | ND           | P   |
| N,N-Dimethylacetamide | 37        | 109       | ND           | P   | n-Pentane                | 167       | 500       | ND           | P   |
| 2,2-Dimethylbutane    | 10        | 29        | ND           | P   | 1-Pentanol               | 167       | 500       | ND           | P   |
| 2,3-Dimethylbutane    | 10        | 29        | ND           | P   | n-Propane                | 167       | 500       | ND           | P   |
| N,N-Dimethylformamide | 30        | 88        | ND           | P   | 1-Propanol               | 167       | 500       | ND           | P   |
| 2,2-Dimethylpropane   | 167       | 500       | ND           | P   | Pyridine                 | 7         | 20        | ND           | P   |
| 1,4-Dioxane           | 13        | 38        | ND           | P   | Tetrahydrofuran          | 24        | 72        | ND           | P   |
| Ethanol               | 167       | 500       | ND           | P   | Toluene                  | 30        | 89        | ND           | P   |
| 2-Ethoxyethanol       | 6         | 16        | ND           | P   | Trichloroethylene        | 3         | 8         | ND           | P   |
| Ethyl Acetate         | 167       | 500       | ND           | P   | Xylenes (o-, m-, and p-) | 73        | 217       | ND           | P   |
| Ethyl Ether           | 167       | 500       | ND           | P   |                          |           |           |              |     |
| Ethylbenzene          | 3         | 7         | ND           | P   |                          |           |           |              |     |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone  
 CCO

Date: 01/23/2025



Tested By: Kelsey Rogers  
 Scientist

Date: 01/21/2025



## CBDv Isolate

Sample ID: SA-250113-55264  
 Batch: HC8-CBDV-25  
 Type: Raw Material  
 Matrix: Concentrate - Isolate  
 Unit Mass (g):

Received: 01/15/2025  
 Completed: 01/23/2025

**Client**  
 Highly Concentrated  
 2144 Gulf Gate Dr.  
 Sarasota, FL 34231  
 USA  
 Lic. #: 405998

## Reporting Limit Appendix

### Heavy Metals - KY 902 KAR 45:190

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|---------|-------------|---------|-------------|
| Arsenic | 1.5         | Lead    | 0.5         |
| Cadmium | 0.5         | Mercury | 1.5         |

### Residual Solvents - USP 467

| Analyte               | Limit (ppm) | Analyte                  | Limit (ppm) |
|-----------------------|-------------|--------------------------|-------------|
| Acetone               | 5000        | Ethylene Oxide           | 1           |
| Acetonitrile          | 410         | Heptane                  | 5000        |
| Benzene               | 2           | n-Hexane                 | 290         |
| Butane                | 5000        | Isobutane                | 5000        |
| 1-Butanol             | 5000        | Isopropyl Acetate        | 5000        |
| 2-Butanol             | 5000        | Isopropyl Alcohol        | 5000        |
| 2-Butanone            | 5000        | Isopropylbenzene         | 5000        |
| Chloroform            | 60          | Methanol                 | 3000        |
| Cyclohexane           | 3880        | 2-Methylbutane           | 290         |
| 1,2-Dichloroethane    | 5           | Methylene Chloride       | 600         |
| 1,2-Dimethoxyethane   | 100         | 2-Methylpentane          | 290         |
| Dimethyl Sulfoxide    | 5000        | 3-Methylpentane          | 290         |
| N,N-Dimethylacetamide | 1090        | n-Pentane                | 5000        |
| 2,2-Dimethylbutane    | 290         | 1-Pentanol               | 5000        |
| 2,3-Dimethylbutane    | 290         | n-Propane                | 5000        |
| N,N-Dimethylformamide | 880         | 1-Propanol               | 5000        |
| 2,2-Dimethylpropane   | 5000        | Pyridine                 | 200         |
| 1,4-Dioxane           | 380         | Tetrahydrofuran          | 720         |
| Ethanol               | 5000        | Toluene                  | 890         |
| 2-Ethoxyethanol       | 160         | Trichloroethylene        | 80          |
| Ethyl Acetate         | 5000        | Xylenes (o-, m-, and p-) | 2170        |
| Ethyl Ether           | 5000        |                          |             |
| Ethylbenzene          | 70          |                          |             |

### Pesticides - CA DCC

| Analyte              | Limit (ppb) | Analyte            | Limit (ppb) |
|----------------------|-------------|--------------------|-------------|
| Carbaryl             | 500         | Myclobutanil       | 9000        |
| Carbofuran           | 30          | Naled              | 500         |
| Chloranthraniliprole | 40000       | Oxamyl             | 200         |
| Chlorfenapyr         | 30          | Paclobutrazol      | 30          |
| Chlorpyrifos         | 30          | Permethrin         | 20000       |
| Clofentezine         | 500         | Phosmet            | 200         |
| Coumaphos            | 30          | Piperonyl Butoxide | 8000        |
| Cypermethrin         | 1000        | Propiconazole      | 20000       |
| Daminozide           | 30          | Propoxur           | 30          |
| Diazinon             | 200         | Pyrethrins         | 1000        |
| Dichlorvos           | 30          | Pyridaben          | 3000        |
| Dimethoate           | 30          | Spinetoram         | 3000        |
| Dimethomorph         | 20000       | Spinosad           | 3000        |
| Ethoprophos          | 30          | Spiromesifen       | 12000       |
| Etofenprox           | 30          | Spirotetramat      | 13000       |
| Etoazazole           | 1500        | Spiroxamine        | 30          |
| Fenhexamid           | 10000       | Tebuconazole       | 2000        |
| Fenoxycarb           | 30          | Thiacloprid        | 30          |
| Fenpyroximate        | 2000        | Thiamethoxam       | 4500        |
| Fipronil             | 30          | Trifloxystrobin    | 30000       |
| Fonicamid            | 2000        |                    |             |
| Fludioxonil          | 30000       |                    |             |

### Pesticides - CA DCC

| Analyte      | Limit (ppb) | Analyte         | Limit (ppb) |
|--------------|-------------|-----------------|-------------|
| Abamectin    | 300         | Hexythiazox     | 2000        |
| Acephate     | 5000        | Imazalil        | 30          |
| Acequinocyl  | 4000        | Imidacloprid    | 3000        |
| Acetamiprid  | 5000        | Kresoxim methyl | 1000        |
| Aldicarb     | 30          | Malathion       | 5000        |
| Azoxystrobin | 40000       | Metaxyl         | 15000       |
| Bifenazate   | 5000        | Methiocarb      | 30          |
| Bifenthrin   | 500         | Methomyl        | 100         |
| Boscalid     | 10000       | Mevinphos       | 30          |

